



Ph.D. thesis topics 2021/2022 – 1st call

DSP Ochrana vodních ekosystémů / Protection of Aquatic Ecosystems

prof. Ing. Tomáš Randák, Ph.D. – trandak@frov.jcu.cz, +420 38777 4603

- Ecological consequences of the presence of psychoactive substances in the aquatic environment

Ing. Alžběta Stará, Ph.D. – staraa01@frov.jcu.cz, + 420 38 777 4622

- Effects of neonicotinoids on non-target aquatic organisms

doc. Ing. Hana Kocour Kroupová, Ph.D. – kroupova@frov.jcu.cz, + 420 38 777 4621

- Less frequently studied hormonal activities in aquatic environments

doc. Mgr. Roman Grabic, Ph.D. – rgrabic@frov.jcu.cz, + 420 38 777 4756

- Development of LC/HRMS methods for identification of compounds with adverse effect selected by Effect Directed Analysis

prof. RNDr. Jaroslav Vrba, CSc. – vrbaja00@prf.jcu.cz, + 420 38 777 2346

- Factors affecting water quality in fish ponds

Mgr. Jiří Jablonský, Ph.D. – jjablonsky00@frov.jcu.cz, +420 38777 3828

- Multi-omics integration deciphering the metabolic regulation of cyanobacteria

Dr. ric. Philip J. Haubrock - phillip.haubrock@senckenberg.de, 06051 619543125

- Long term trends and impacts in past, current and future biological invasions

doc. Ing. Miloš Buřič, Ph.D. – buric@frov.jcu.cz, +420 38777 4745

- The role of invasive crayfish in freshwater ecosystems – from habitat use and food to direct species interactions

M.Sc. Ganna Fedorova, Ph.D. – gfedorova@frov.jcu.cz, +420 38777 4752

- PPCPs in reclaimed water: possibilities, benefits and risks of wastewater reuse

Ing. Bc. Kateřina Grabicová, Ph.D. – grabicova@frov.jcu.cz, +420 38777 4752

- Polar micropollutants and aquatic organisms – a study of fate and effects with application of targeted and non-targeted LC/HRMS analysis

RNDr. Andrea Vojs Staňová, Ph.D. – vojsstanova@frov.jcu.cz, + 420 38 777 4752

- Advanced MS methods for identification, quantification and assessment of emerging pollutants in water